

Form PTO-1449 (modified 2/91)	U.S. DEPT OF COMMERCE Patent and Trademark Office	Attorney Docket Number: MERL-1565	Serial Number: 10/828,625
<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)		Applicant: Mehta et al.	
		Filing date: April 21, 2004	Group art area: 2682



## U.S. PATENT DOCUMENTS

Examiner Initial	Patent number	Date	Name	Class	Subclass	Filing date if appropriate

## FOREIGN PATENT DOCUMENTS

	Document number	Date	Country	Class	Subclass	Translation	
						YES	NO
<input checked="" type="checkbox"/>	WO2004/014013A1	Feb. 12, 2004	PCT	H04L	1/06	X	
<input checked="" type="checkbox"/>	EP 1,207,645 A	May 22, 2002	EPO	H04L	1/00	X	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1.	
2.	
3.	
4.	
Examiner:	Date Considered:
<i>John Bell</i>	<i>9/16/05</i>
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## U.S. PATENT APPLICATION DOCUMENTS

Examiner Initial	Patent application number	Date	Name	Class	Subclass	Filing date if appropriate
TS	10/209,306	July 31, 2002	Horng et al.			

## FOREIGN PATENT DOCUMENTS

	Document number	Date	Country	Class	Subclass	Translation	
						YES	NO
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1.	TS	Foschini et al., "On Limits of Wireless Communications in a Fading Environment when Using Multiple Antennas," Wireless Pers. Commun., pp. 311-335, 1998.
2.	B	Wolniansky et al., "V-BLAST: An Architecture for Realizing Very High Data Rates Over the Rich-Scattering Wireless Channel," ISSSE, pp. 295-299, 1998.
3.	B	Sellathurai egt al., "TURBO-BLAST for Wireless Communications: Theory and Experiments," IEEE Trans. Commun., vol. 50, no. 10, pp. 2538-2546, Oct. 2002.
4.	B	Tarokh et al., "Space Time Codes for High Data Rate Wireless Communication," IEEE Trans. Inform. Theory, vol. 44, pp. 744-765, 1999.
5.	B	Alamouti, "A simple transmit diversity technique for wireless communications," IEEE J. Selected Areas in Commun., vol. 16, Oct., pp. 1451-1458, 1998.
6.	B	Zheng and Tse, "Diversity and Multiplexing: A Fundamental Tradeoff in Multiple-Antenna Channels," IEEE Transactions on Information Theory, Vol. 49, No. 5, pp. 1073-1096, May 2003.

Examiner: <i>Julian P. Del</i>	Date Considered: <i>2/16/05</i>
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